

10539531

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal612bxr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 OCT 02 CA/Caplus enhanced with pre-1907 records from Chemisches
Zentralblatt
NEWS 3 OCT 19 BEILSTEIN updated with new compounds
NEWS 4 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 5 NOV 19 WPIX enhanced with XML display format
NEWS 6 NOV 30 ICSD reloaded with enhancements
NEWS 7 DEC 04 LINPADOCDB now available on STN
NEWS 8 DEC 14 BEILSTEIN pricing structure to change
NEWS 9 DEC 17 USPATOLD added to additional database clusters
NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 11 DEC 17 DGENE now includes more than 10 million sequences
NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
MEDLINE segment
NEWS 13 DEC 17 MEDLINE and LMEDELINE updated with 2008 MeSH vocabulary
NEWS 14 DEC 17 CA/Caplus enhanced with new custom IPC display formats
NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content
from USPATOLD
NEWS 16 JAN 02 STN pricing information for 2008 now available
NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified
prophetic substances
NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
custom IPC display formats
NEWS 19 JAN 28 MARPAT searching enhanced
NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days
of publication
NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22 JAN 28 MEDLINE and LMEDELINE reloaded with enhancements
NEWS 23 FEB 08 STN Express, Version 8.3, now available
NEWS 24 FEB 20 PCI now available as a replacement to DPCI
NEWS 25 FEB 25 IFIREF reloaded with enhancements
NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 27 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability

Updated Search

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NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008
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STRUCTURE FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6
DICTIONARY FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\bvgfhty.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

Updated Search

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:34:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 103 TO ITERATE

100.0% PROCESSED 103 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1452 TO 2668

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 17:34:43 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2516 TO ITERATE

100.0% PROCESSED 2516 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	179.74	179.95

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

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FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11

FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

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Updated Search

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 1 L3

=> d 14, ibib abs hitstr, 1

L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:566537 HCAPLUS

DOCUMENT NUMBER: 141:123568

TITLE: Preparation of tetrahydropyridine derivatives as mitotic kinesin inhibitors

INVENTOR(S): Fraley, Mark E.; Garbaccio, Robert M.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCI Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

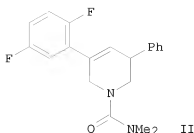
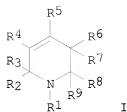
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

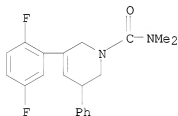
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058148	A2	20040715	WO 2003-US40126	20031216
WO 2004058148	A3	20040916		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2509212	A1	20040715	CA 2003-2509212	20031216
AU 2003297230	A1	20040722	AU 2003-297230	20031216
EP 1581497	A2	20051005	EP 2003-814073	20031216
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2006516140	T	20060622	JP 2004-563641	20031216
US 2006058327	A1	20060316	US 2005-539531	20050617
PRIORITY APPLN. INFO.:			US 2002-435102P	P 20021220
			WO 2003-US40126	W 20031216

OTHER SOURCE(S): MARPAT 141:123568

GI

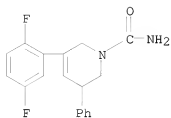


- AB The title compds. I [R1 = (C1-C6-alkylene)n-X-R, (n = 0 or 1; X = CO, SO₂, NH, etc.; R = (cyclo)alkyl, alkenyl, alkynyl, aryl, amino group, etc.), aryl, heterocyclyl, or alkyl; R2, R3, R6, R8, R9 = H, carboxyalkyl, O-perfluoroalkyl, oxo, OH, halo, CN, etc.; R4, R7 = (substituted)(cyclo)alkyl, (substituted)aryl, (substituted)heterocyclyl; R5 = H, alkyl, alkenyl, alkynyl, CN, halo, COOH, alkylamino, alkylhydroxy] were prepared for treating cellular proliferative diseases, and disorders associated with KSP kinesin activity, and for inhibiting KSP kinesin. For example, compound II was prepared in a multi-step synthesis starting from 2-amino-1-phenethanol. The compound of the invention was found to have kinase inhibitory activity with IC₅₀ ≤ 15 μM in the kinesin ATPase In Vitro assay.
- IT 723335-80-6P 723335-85-1P 723335-93-1P
723335-94-2P 723335-99-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyridine derivs. as mitotic kinesin inhibitors)
- RN 723335-80-6 HCAPLUS
- CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-N,N-dimethyl-3-phenyl- (CA INDEX NAME)



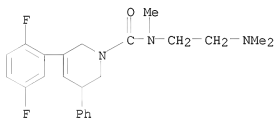
- RN 723335-85-1 HCAPLUS
- CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-3-phenyl- (CA INDEX NAME)

10539531



RN 723335-93-1 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-N-[2-(dimethylamino)ethyl]-3,6-dihydro-N-methyl-3-phenyl- (CA INDEX NAME)



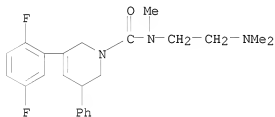
RN 723335-94-2 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-N-[2-(dimethylamino)ethyl]-3,6-dihydro-N-methyl-3-phenyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 723335-93-1

CMF C23 H27 F2 N3 O



CM 2

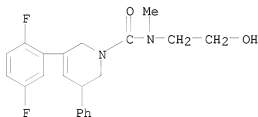
CRN 76-05-1

CMF C2 H F3 O2

10539531



RN 723335-99-7 HCAPLUS
CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-N-(2-hydroxyethyl)-N-methyl-3-phenyl- (CA INDEX NAME)



=> file caold
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
10.83	190.78

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.80	-0.80

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d his

Updated Search

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(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

=> s l3

L5 0 L3

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.46	191.24

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.80

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

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STRUCTURE FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

DICTIONARY FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\sdfsd.str

L6 STRUCTURE UPLOADED

=> file caold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
------------	-------

Updated Search

10539531

	ENTRY	SESSION
FULL ESTIMATED COST	1.38	192.62
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d his

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

L6 STRUCTURE UPLOADED

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

=> s l3

L7 0 L3

	SINCE FILE	TOTAL
=> file reg		
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.46	193.08

Updated Search

10539531

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008
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STRUCTURE FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6
DICTIONARY FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\asdfnbghyt.str

L8 STRUCTURE UPLOADED

=> s l8
SAMPLE SEARCH INITIATED 17:39:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5162 TO ITERATE

38.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 98932 TO 107548
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s l8 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:39:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 103212 TO ITERATE

Updated Search

10539531

100.0% PROCESSED 103212 ITERATIONS
SEARCH TIME: 00.00.02

5 ANSWERS

L10 5 SEA SSS FUL L8

=> d his

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

L6 STRUCTURE UPLOADED

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

L7 0 S L3

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008

L8 STRUCTURE UPLOADED

L9 0 S L8

L10 5 S L8 FULL

=> s l10 l3

MISSING OPERATOR

=> s l10 nto l13

L13 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l10 not l13

L13 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l10 not l13

L13 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> file hcaplus l10

'L10' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):end

Updated Search

10539531

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	179.74	372.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

FILE 'HCAPLUS' ENTERED AT 17:40:28 ON 12 MAR 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11
FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

L6 STRUCTURE UPLOADED

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

L7 0 S L3

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008

Updated Search

10539531

L8 STRUCTURE UPLOADED
L9 0 S L8
L10 5 S L8 FULL

FILE 'HCAPLUS' ENTERED AT 17:40:28 ON 12 MAR 2008

=> s l10

L11 1 L10

=> d l11, ibib abs hitstr, 1

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:566537 HCAPLUS

DOCUMENT NUMBER: 141:123568

TITLE: Preparation of tetrahydropyridine derivatives as mitotic kinesin inhibitors

INVENTOR(S): Fraley, Mark E.; Garbaccio, Robert M.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

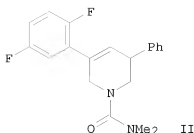
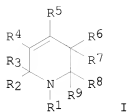
DOCUMENT TYPE: Patent

LANGUAGE: English

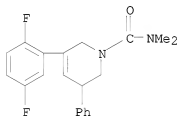
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058148	A2	20040715	WO 2003-US40126	20031216
WO 2004058148	A3	20040916		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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AU 2003297230	A1	20040722	AU 2003-297230	20031216
EP 1581497	A2	20051005	EP 2003-814073	20031216
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JP 2006516140	T	20060622	JP 2004-563641	20031216
US 2006058327	A1	20060316	US 2005-539531	20050617
PRIORITY APPLN. INFO.:			US 2002-435102P	P 20021220
			WO 2003-US40126	W 20031216
OTHER SOURCE(S):	MARPAT 141:123568			
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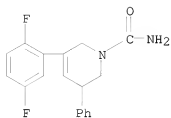


- AB The title compds. I [R1 = (C1-C6-alkylene)n-X-R, (n = 0 or 1; X = CO, SO₂, NH, etc.; R = (cyclo)alkyl, alkenyl, alkynyl, aryl, amino group, etc.), aryl, heterocyclyl, or alkyl; R2, R3, R6, R8, R9 = H, carboxyalkyl, O-perfluoroalkyl, oxo, OH, halo, CN, etc.; R4, R7 = (substituted)(cyclo)alkyl, (substituted)aryl, (substituted)heterocyclyl; R5 = H, alkyl, alkenyl, alkynyl, CN, halo, COOH, alkylamino, alkylhydroxy] were prepared for treating cellular proliferative diseases, and disorders associated with KSP kinesin activity, and for inhibiting KSP kinesin. For example, compound II was prepared in a multi-step synthesis starting from 2-amino-1-phenethanol. The compound of the invention was found to have kinase inhibitory activity with IC₅₀ ≤ 15 μM in the kinesin ATPase In Vitro assay.
- IT 723335-80-6P 723335-85-1P 723335-93-1P
723335-94-2P 723335-99-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyridine derivs. as mitotic kinesin inhibitors)
- RN 723335-80-6 HCAPLUS
- CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-N,N-dimethyl-3-phenyl- (CA INDEX NAME)



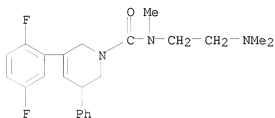
- RN 723335-85-1 HCAPLUS
- CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-3-phenyl- (CA INDEX NAME)

10539531



RN 723335-93-1 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-N-[2-(dimethylamino)ethyl]-3,6-dihydro-N-methyl-3-phenyl- (CA INDEX NAME)



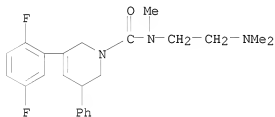
RN 723335-94-2 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-N-[2-(dimethylamino)ethyl]-3,6-dihydro-N-methyl-3-phenyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

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CRN 723335-93-1

CMF C23 H27 F2 N3 O



CM 2

CRN 76-05-1

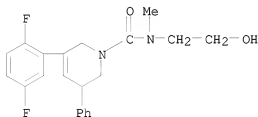
CMF C2 H F3 O2

10539531



RN 723335-99-7 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 5-(2,5-difluorophenyl)-3,6-dihydro-N-(2-hydroxyethyl)-N-methyl-3-phenyl- (CA INDEX NAME)



=> file caold
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
13.52	386.34

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
-0.80	-1.60

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 17:42:17 ON 12 MAR 2008

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

Updated Search

10539531

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

L6 STRUCTURE UPLOADED

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

L7 0 S L3

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008

L8 STRUCTURE UPLOADED
L9 0 S L8
L10 5 S L8 FULL

FILE 'HCAPLUS' ENTERED AT 17:40:28 ON 12 MAR 2008

L11 1 S L10

FILE 'CAOLD' ENTERED AT 17:42:17 ON 12 MAR 2008

=> s l10
L12 0 L10

=> file reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.46	386.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-1.60

FILE 'REGISTRY' ENTERED AT 17:42:24 ON 12 MAR 2008
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6
DICTIONARY FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Updated Search

10539531

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\asdfdcstr

L13 STRUCTURE UPLOADED

=> s l13

SAMPLE SEARCH INITIATED 17:54:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5162 TO ITERATE

38.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 98932 TO 107548
PROJECTED ANSWERS: 0 TO 0

L14 0 SEA SSS SAM L13

=> s l13 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:t

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 17:54:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 103212 TO ITERATE

100.0% PROCESSED 103212 ITERATIONS 15 ANSWERS
SEARCH TIME: 00.00.02

L15 15 SEA SSS FUL L13

=> d his

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

Updated Search

10539531

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008
STRUCTURE UPLOADED

L6

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

L7 0 S L3

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008
STRUCTURE UPLOADED

L8

L9 0 S L8

L10 5 S L8 FULL

FILE 'HCAPLUS' ENTERED AT 17:40:28 ON 12 MAR 2008

L11 1 S L10

FILE 'CAOLD' ENTERED AT 17:42:17 ON 12 MAR 2008

L12 0 S L10

FILE 'REGISTRY' ENTERED AT 17:42:24 ON 12 MAR 2008
STRUCTURE UPLOADED

L13

L14 0 S L13

L15 15 S L13 FULL

=> s l15 not l3

L16 10 L15 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

187.56

574.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

0.00

-1.60

FILE 'HCAPLUS' ENTERED AT 17:54:57 ON 12 MAR 2008

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FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11

FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

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Updated Search

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l16

L17 4 L16

=> s l17 and fraley, m?/au

103 FRALEY, M?/AU
L18 1 L17 AND FRALEY, M?/AU

=> d l18, ibib abs hitstr, 1

L18 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:565201 HCAPLUS

DOCUMENT NUMBER: 141:123564

TITLE: Preparation of tetrahydropyridine derivatives as mitotic kinesin inhibitors

INVENTOR(S): Fraley, Mark E.; Garbaccio, Robert M.; Olson, Christy M.; Tasber, Edward S.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

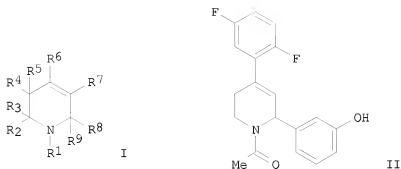
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058700	A2	20040715	WO 2003-US40256	20031216
WO 2004058700	A3	20041014		
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CA 2508956	A1	20040715	CA 2003-2508956	20031216
AU 2003299672	A1	20040722	AU 2003-299672	20031216
EP 1578724	A2	20050928	EP 2003-799957	20031216
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JP 2006516142	T	20060622	JP 2004-563694	20031216
US 2006052611	A1	20060309	US 2005-539512	20050617
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OTHER SOURCE(S):		MARPAT 141:123564		
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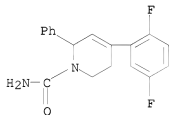


AB The title compds. I [R1 = (C1-C6-alkylene)n-X-R, (n = 0 or 1; X = CO, SO₂, NH, etc.; R = (cyclo)alkyl, alkenyl, alkynyl, aryl, amino group, etc.), aryl, heterocyclyl, or alkyl; R2, R3, R4, R5, R9 = H, carboxyalkyl, O-perfluoroalkyl, oxo, OH, halo, CN, etc.; R6, R8 = (substituted)(cyclo)alkyl, (substituted)aryl, (substituted)heterocyclyl; R7 = H, alkyl, alkenyl, alkynyl, CN, halo, COOH, etc.] were prepared for treating cellular proliferative diseases, and disorders associated with KSP kinesin activity, and for inhibiting KSP kinesin. For example, compound II was prepared in a multi-step synthesis starting from 4-methoxypyridine. The latter showed kinase inhibitory activity with IC₅₀ ≤ 15 μM in the kinesin ATPase In Vitro assay.

IT 723342-07-2P 723342-09-4P 723342-10-7P
723342-11-8P 723342-12-9P 723342-13-0P
723342-15-2P 723342-28-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyridine derivs. as mitotic kinesin inhibitors)

RN 723342-07-2 HCAPLUS

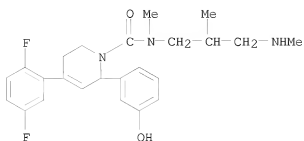
CN 1(2H)-Pyridinecarboxamide, 4-(2,5-difluorophenyl)-5,6-dihydro-2-phenyl-
(CA INDEX NAME)



RN 723342-09-4 HCAPLUS

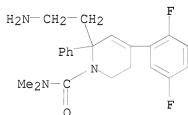
CN 1(2H)-Pyridinecarboxamide, 4-(2,5-difluorophenyl)-5,6-dihydro-2-(3-methoxyphenyl)-N-methyl-N-[2-methyl-3-(methylamino)propyl]- (CA INDEX NAME)

10539531



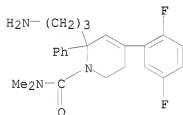
RN 723342-10-7 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 2-(2-aminoethyl)-4-(2,5-difluorophenyl)-5,6-dihydro-N,N-dimethyl-2-phenyl- (CA INDEX NAME)



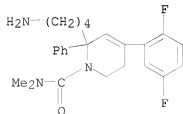
RN 723342-11-8 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 2-(3-aminopropyl)-4-(2,5-difluorophenyl)-5,6-dihydro-N,N-dimethyl-2-phenyl- (CA INDEX NAME)



RN 723342-12-9 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 2-(4-aminobutyl)-4-(2,5-difluorophenyl)-5,6-dihydro-N,N-dimethyl-2-phenyl- (CA INDEX NAME)

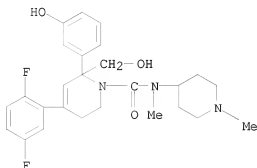


Updated Search

10539531

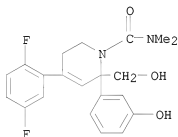
RN 723342-13-0 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 4-(2,5-difluorophenyl)-5,6-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-N-(1-methyl-4-piperidinyl)-(CA INDEX NAME)



RN 723342-15-2 HCAPLUS

CN 1(2H)-Pyridinecarboxamide, 4-(2,5-difluorophenyl)-5,6-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N,N-dimethyl- (CA INDEX NAME)



RN 723342-28-7 HCAPLUS

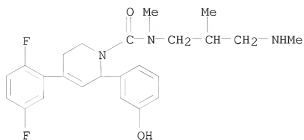
CN 1(2H)-Pyridinecarboxamide, 4-(2,5-difluorophenyl)-5,6-dihydro-2-(3-hydroxyphenyl)-N-methyl-N-[2-methyl-3-(methylamino)propyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 723342-09-4

CMF C24 H29 F2 N3 O2

10539531



CM 2

CRN 76-05-1
CMF C2 H F3 O2



=> d his

(FILE 'HOME' ENTERED AT 17:31:31 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:32:06 ON 12 MAR 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:34:46 ON 12 MAR 2008

L4 1 S L3

FILE 'CAOLD' ENTERED AT 17:35:50 ON 12 MAR 2008

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008

L6 STRUCTURE UPLOADED

FILE 'CAOLD' ENTERED AT 17:37:54 ON 12 MAR 2008

L7 0 S L3

FILE 'REGISTRY' ENTERED AT 17:38:01 ON 12 MAR 2008

L8 STRUCTURE UPLOADED

L9 0 S L8

L10 5 S L8 FULL

FILE 'HCAPLUS' ENTERED AT 17:40:28 ON 12 MAR 2008

L11 1 S L10

Updated Search

FILE 'CAOLD' ENTERED AT 17:42:17 ON 12 MAR 2008
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FILE 'REGISTRY' ENTERED AT 17:42:24 ON 12 MAR 2008
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 L14 0 S L13
 L15 15 S L13 FULL
 L16 10 S L15 NOT L3

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 L18 1 S L17 AND FRALEY, M7/AU

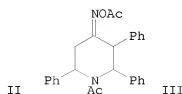
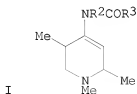
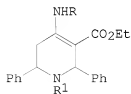
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=> s l19 and garbaccio, r7/au
 53 GARBACCIO, R7/AU
 L20 0 L19 AND GARBACCIO, R7/AU

=> d l19, ibib abs hitstr, 103
 3 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
 The answer numbers requested are not in the answer set.
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=> d l19, ibib abs hitstr, 1-3

L19 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1991:535888 HCAPLUS
 DOCUMENT NUMBER: 115:135888
 TITLE: Synthesis and fungicidal activity of substituted
 4-aminopiperidines and 4-aminotetrahydropyridines
 AUTHOR(S): Mandal, T. K.; Mobio, I. G.; Kuznetsov, V. V.;
 Litvinov, A. Zh.; Denisov, E. N.; Fedorov, V. O.;
 Andreeva, E. I.; Soldatenkov, A. T.; Prostakov, N. S.
 CORPORATE SOURCE: Univ. Druzhby Nar. im. Lumumby, Moscow, USSR
 SOURCE: Khimiko-Farmatsevticheskii Zhurnal (1991), 25(6),
 28-33
 CODEN: KHFZAN; ISSN: 0023-1134
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 115:135888
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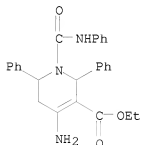


AB A number of the title derivs., e.g., I (R = H, Ac, COEt; R1 = H, Ac, COEt, CONHPh, CSNHPh), II (R2 = CH2Ph, Ph; R3 = Me, Et, Ph), III were prepared Their antifungal activity was examined The tautomerism of I (R = R1 = H) was also studied.

IT 135901-23-4P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation and antifungal activity of)

RN 135901-23-4 HCAPLUS

CN 3-Pyridinecarboxylic acid, 4-amino-1,2,5,6-tetrahydro-2,6-diphenyl-1-[(phenylamino)carbonyl]-, ethyl ester (CA INDEX NAME)



L19 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1990:97889 HCAPLUS

DOCUMENT NUMBER: 112:97889

TITLE: Dissociative ionization of substituted piperideines

AUTHOR(S): Stashenko, E. E.; Zakharov, P. I.; Kuznetsov, V. B.; Klyavina, I. V.; Kirillova, L. M.; Varlamov, A. V.; Prostakov, N. S.

CORPORATE SOURCE: Univ. Druzhby Nar., Moscow, 117923, USSR

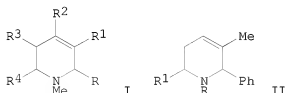
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1989), (6), 795-800

CODEN: KGSSAQ; ISSN: 0453-8234

DOCUMENT TYPE: Journal

LANGUAGE: Russian

GI



AB Competitive substituent-elimination and retro-Diels-Alder processes were observed in the dissociative ionization of piperideines I (R = H, Me, Ph; R1 = H, Me; R2 = Ph, o-tolyl; R3 = H, alkyl; R4 = H, Me, Ph) and anabasine

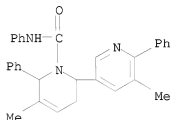
alkaloid analogs II (R = H, alkyl, acetyl, aroyl; R1 = 3-methyl-2-phenyl-5-pyridyl). The retro-Diels-Alder process permits identification of the double-bond location in piperidine isomers.

IT 94987-54-9

RL: PRP (Properties)
(mass spectrum of)

RN 94987-54-9 HCAPLUS

CN [2,3'-Bipyridine]-1(2H)-carboxamide, 3,6-dihydro-5,5'-dimethyl-N,6,6,6'-triphenyl- (9CI) (CA INDEX NAME)



L19 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1985:95874 HCAPLUS

DOCUMENT NUMBER: 102:95874

ORIGINAL REFERENCE NO.: 102:15092h,15093a

TITLE: Phenylation of β -picoline. Isolation and determination of the structure of β -pyridyl- α -dehydropiperidine

AUTHOR(S): Prostakov, N. S.; Habib, Hanna B.; Rezakov, V. A.; Fomichev, A. A.; Kirillova, L. M.; Shevtsov, V. K.
CORPORATE SOURCE: Univ. Druzhby Nar. im. Lumumby, Moscow, 117923, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1984), (8), 1115-19

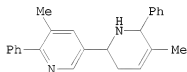
CODEN: KGSSAQ; ISSN: 0453-8234

DOCUMENT TYPE: Journal

LANGUAGE: Russian

OTHER SOURCE(S): CASREACT 102:95874

GI



I

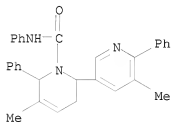
AB Treatment of β -picoline by PhLi gave 32% 3-methyl-2-phenylpyridine and 17% anabasine analog I, the mol. structure of which was determined by NMR and mass spectroscopy and chemical transformations.

IT 94987-54-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

10539531

RN 94987-54-9 HCAPLUS
CN [2,3'-Bipyridine]-1(2H)-carboxamide, 3,6-dihydro-5,5'-dimethyl-N,6,6,6'-
triphenyl- (9CI) (CA INDEX NAME)



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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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L3 5 S L1 FULL

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10539531

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L6 FILE 'REGISTRY' ENTERED AT 17:35:57 ON 12 MAR 2008
STRUCTURE UPLOADED

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L10 5 S L8 FULL

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L16 10 S L15 NOT L3

L17 FILE 'HCAPLUS' ENTERED AT 17:54:57 ON 12 MAR 2008
4 S L16
L18 1 S L17 AND FRALEY, M?/AU
L19 3 S L17 NOT L18
L20 0 S L19 AND GARBACCIO, R?/AU

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L21 0 L16

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